

09/701883

1/4

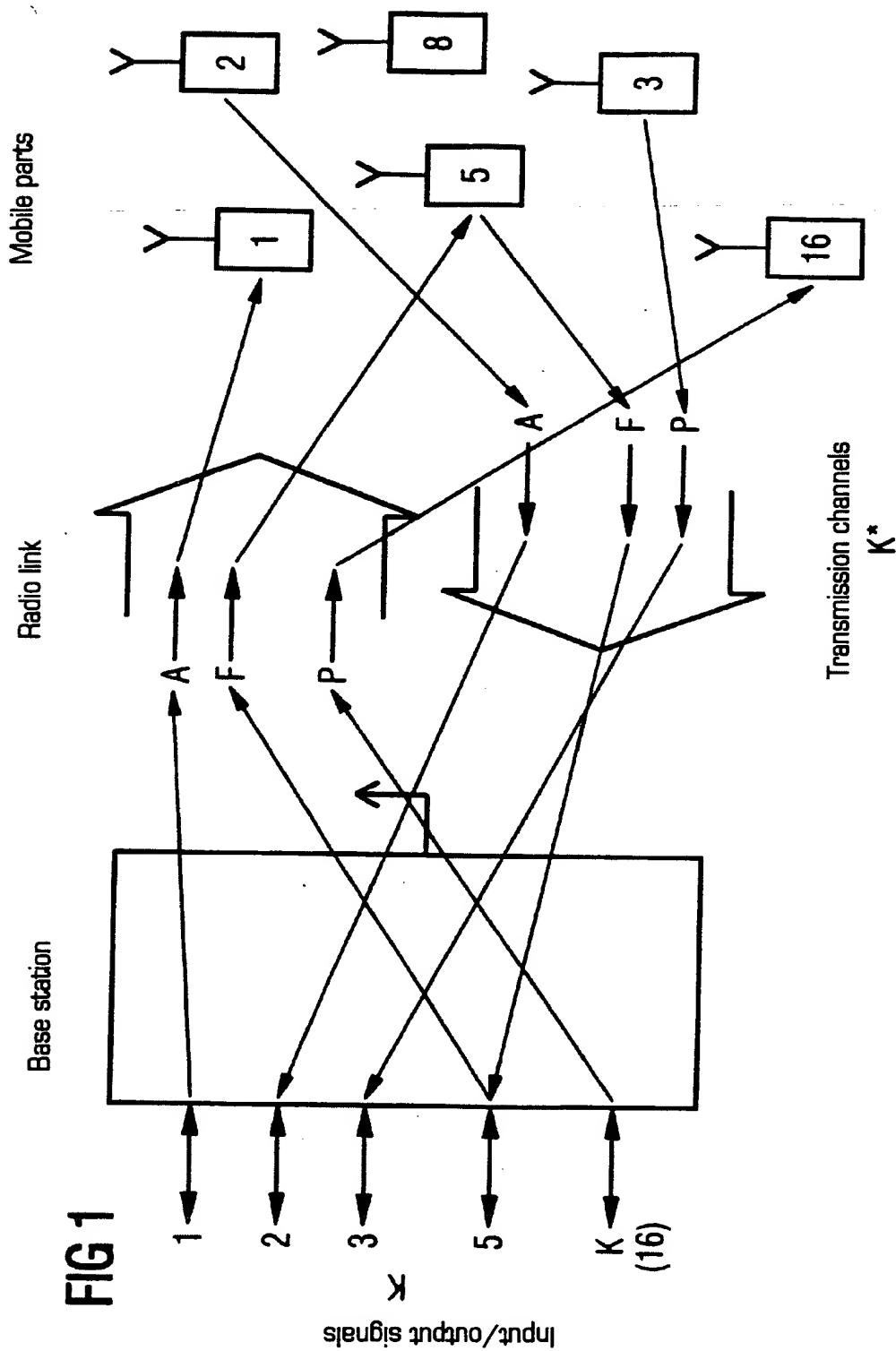
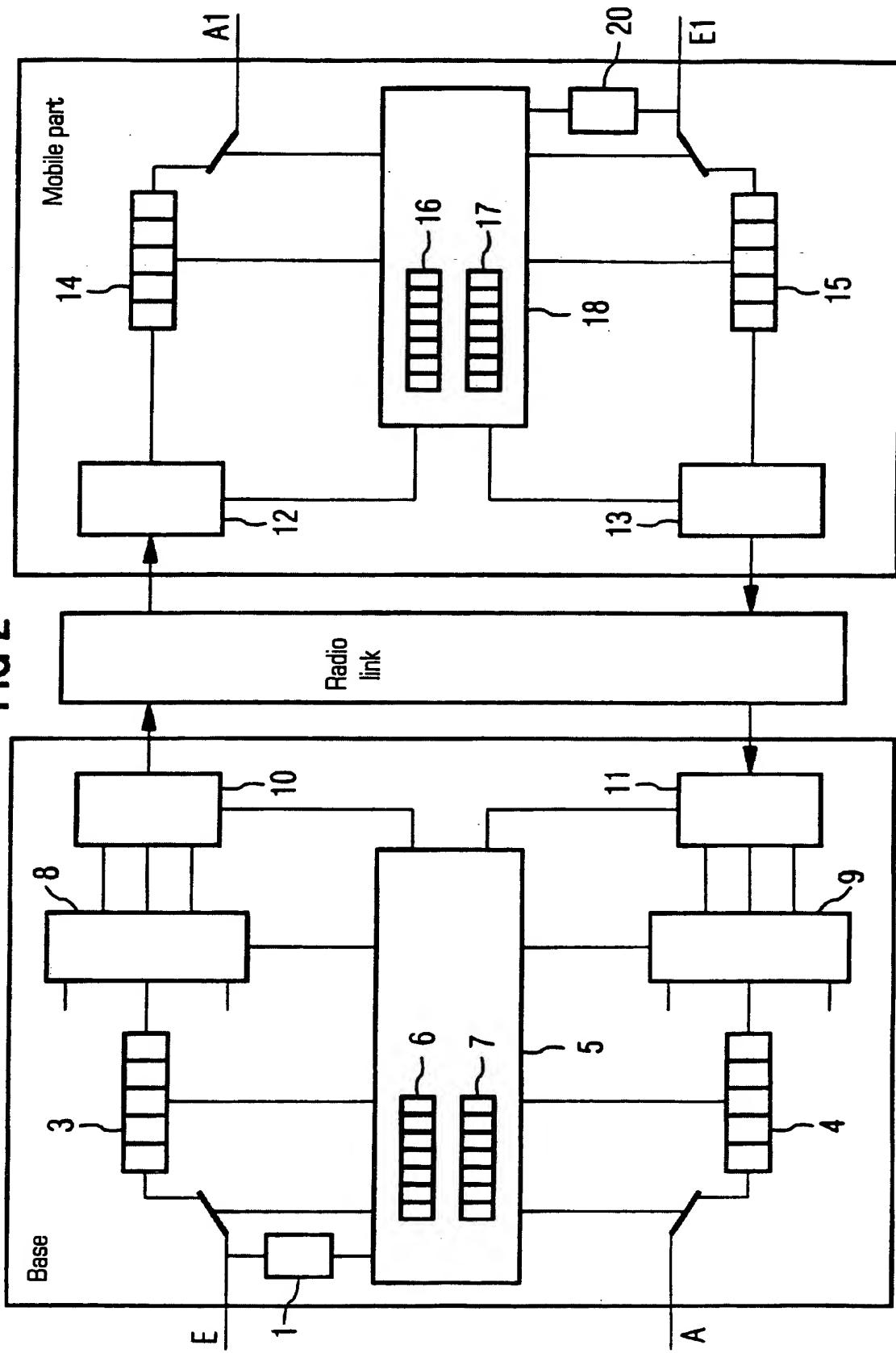


FIG 2



3/4

FIG 3A

| 8 inputs K                        |   |   | 8 outputs K                 |   |   |
|-----------------------------------|---|---|-----------------------------|---|---|
| Transmission data<br>before T = 1 |   |   | Reception data<br>after T=1 |   |   |
| 1                                 | A | A | A                           |   | 1 |
| 2                                 | B |   | B                           | B | 2 |
| 3                                 |   | C | C                           |   | 3 |
| 4                                 | D |   | D                           |   | 4 |
| 5                                 | E | E |                             |   | 5 |
| 6                                 | F |   | F                           |   | 6 |
| 7                                 |   | G | G                           |   | 7 |
| 8                                 | H | H | H                           |   | 8 |
| after T = 1                       |   |   | after T = 2                 |   |   |
| 1                                 | A | A | A                           |   | 1 |
| 2                                 | B |   | B                           | B | 2 |
| 3                                 |   | C | C                           |   | 3 |
| 4                                 | D |   | D                           |   | 4 |
| 5                                 | E | E |                             |   | 5 |
| 6                                 | F |   |                             |   | 6 |
| 7                                 |   | G | G                           |   | 7 |
| 8                                 | H | H | H                           |   | 8 |
| after T=2                         |   |   | after T = 3                 |   |   |
| 1                                 | A | A | A                           |   | 1 |
| 2                                 | B |   | B                           | B | 2 |
| 3                                 |   | C | C                           |   | 3 |
| 4                                 | D |   | D                           |   | 4 |
| 5                                 | E | E |                             |   | 5 |
| 6                                 | F |   | F                           |   | 6 |
| 7                                 |   | G | G                           |   | 7 |
| 8                                 | H | H | H                           |   | 8 |

09/701883

4/4

## FIG 3B

8 outputs K

Transmission data  
after T = 3

|   |  |   |     |  |
|---|--|---|-----|--|
| 1 |  | A |     |  |
| 2 |  |   | B   |  |
| 3 |  |   |     |  |
| 4 |  | D |     |  |
| 5 |  |   | E E |  |
| 6 |  | F |     |  |
| 7 |  |   | H H |  |
| 8 |  |   |     |  |

Concentrated on  
4 channels K\*

T=4

|   |  |   |  |
|---|--|---|--|
| 1 |  | E |  |
| 2 |  | B |  |
| 3 |  | F |  |
| 4 |  | H |  |

Reception data  
after T = 4

|   |     |     |   |
|---|-----|-----|---|
| 1 | A   | A   | A |
| 2 | B   | B   | B |
| 3 | C C |     |   |
| 4 |     | D   |   |
| 5 | E E |     |   |
| 6 | F   | F   |   |
| 7 |     | G G |   |
| 8 | H H |     |   |

8 outputs K

after T = 4

1  
2  
3  
4  
5  
6  
7  
8

|  |   |  |   |
|--|---|--|---|
|  | A |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   |  |   |
|  |   |  | H |

T=5

|   |  |   |  |
|---|--|---|--|
| 1 |  | H |  |
| 2 |  | A |  |
| 3 |  | D |  |
| 4 |  |   |  |

after T = 5

|   |       |     |   |
|---|-------|-----|---|
| 1 | A     | A   | A |
| 2 | B     | B   | B |
| 3 | C C   |     |   |
| 4 | D     | D   |   |
| 5 | E E   |     |   |
| 6 | F     | F   |   |
| 7 |       | G G |   |
| 8 | H H H |     |   |

1  
2  
3  
4  
5  
6  
7  
8

after T = 5

1  
2  
3  
4  
5  
6  
7  
8

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

T=6

|   |  |  |  |
|---|--|--|--|
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |

after T = 6

|   |       |     |     |
|---|-------|-----|-----|
| 1 | A     | A   | A   |
| 2 | B     |     | B B |
| 3 |       | C C |     |
| 4 | D     |     | D   |
| 5 | E E   |     |     |
| 6 | F     |     | F   |
| 7 |       | G G |     |
| 8 | H H H |     |     |

1  
2  
3  
4  
5  
6  
7  
8